



The diagram illustrates the pinout of the Raspberry Pi Pico, a small microcontroller board. It features 40 pins in total, arranged in two rows of 20 pins each. The pins are color-coded and labeled with their functions and pin numbers. The top row of pins (1-20) includes UART0 TX/RX, I2C0 SDA/SCL, SPI0 RX/CSn, and GPIO pins GP0-GP15. The bottom row of pins (21-40) includes GPIO pins GP16-GP28, I2C1 SDA/SCL, SPI1 RX/CSn, and I2C0 SDA/SCL. The board also features a USB port, a BOOTSEL button, a DEBUG button, and a LED (GP25). The Raspberry Pi logo is visible on the board.

Pin	Function	Pin	Function
1	GPIO0	21	GPIO16
2	GPIO1	22	GPIO17
3	GND	23	GND
4	GPIO2	24	GPIO18
5	GPIO3	25	GPIO19
6	GPIO4	26	GPIO20
7	GPIO5	27	GPIO21
8	GND	28	GND
9	GPIO6	29	GPIO22
10	GPIO7	30	RUN
11	GPIO8	31	GPIO26
12	GPIO9	32	GPIO27
13	GND	33	GND
14	GPIO10	34	GPIO28
15	GPIO11	35	ADC_VREF
16	GPIO12	36	3V3(OUT)
17	GPIO13	37	3V3_EN
18	GND	38	GND
19	GPIO14	39	VSYS
20	GPIO15	40	VBUS

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Conexões para DEBUG

